



## SWARC NEWS

### Notes from K7RLH

Happy Spring—boo to Winter!!!!

Last month I commiserated about the roller coaster weather during springtime, but we dropped back into winter-like conditions for a few days in early May. As of this writing, it appears that we will be experiencing late June or early July temperatures in the upcoming week(s).

Fortunately, we had decent weather for the annual club picnic which was enjoyed by 22 or more persons in attendance—see Andy's Secretary report for more info.

***Thanks to all those who responded to my suggestion/request that you show commitment to South Wake ARC by renewing your membership for the upcoming fiscal year.***

Updating the membership on health issues affecting our members, we ask you to keep the following in your thoughts and prayers:

Gary, KO4LQX, has advised me that the mass on his larynx is still there (verified by PET scan) but they will do a needle biopsy to determine if the cancer is still active (biopsy may have been done already—I didn't have an exact date). If the biopsy comes back negative, he has been advised that the mass may remain and potentially not require removal. However, Gary cautiously admits that, if positive,

then a laryngectomy would be necessary. He will also be seeing a speech therapist should the operation have to be performed. He further advised that the swallowing and breathing issues brought on by the radiation treatments may take six months or more to completely heal.

Kenny, KJ4CVK, unfortunately will lose one of his fingers on the 18th. He advises that he is also stepping back from 2m operations for a while. Although he had a heavy regimen of antibiotics to stave off the cellulitis within his body, the finger could not be saved.

News flash: Miss Velda, K4VJC, suffered a stroke (I believe) while on a trip and reports are that she is not doing well. Please keep Velda and Mike (KD4MC) Callam and family in your thoughts and prayers.

Steve, KA0GMY, continues to have some significant health issues, so remember him and Miss Gloria as well.

New Business: None--Check out the Secretary's report for information about the meeting/picnic.

Steve Mowels (KA0GMY), nominating committee chair, is still soliciting nominations for all officer positions, so consider how you can make SWARC a better and more vibrant club.

Look for other news and info in the body of the newsletter.

SWARC de K7RLH

## Notes from KB4NC

Hello South Wake ARC members!

What a great time we had at the Annual SWARC Picnic on May 4th! We had a lot of good eats and even had a few new members as well.

Our next club meeting will be on Wednesday June 1st. After the elections/business portion of the meeting, Brian KK4BK will be presenting his experience with WINLINK. Check out their website before you attend the meeting: <https://www.winlink.org/>.

Looking forward to seeing folks at the next meeting!

Cheers and 73,

Manny KB4NC

## SWARC 4 May 2022 Meeting Minutes

Today was our annual spring picnic. The grill was fired up at 6:00pm and on went the burgers and dogs. Fried chicken, barbecue meat and hush puppies were also available along with numerous side dishes, chips, and drinks. The highlight of the picnic was Penny Krum's bake sale to support the No Kid Hungry charity. Penny had a tremendous selection of delicious home-made treats. She normally has her bake sale on Field Day but this year she will not be available on June 25<sup>th</sup>; so this year the picnic attendees enjoyed an extra special dessert. For last year's Field Day Penny reported that she was able to donate \$1,025 to No Kid Hungry, so thanks again to SWARC members for supporting this wonderful cause!

We had great attendance with 22 persons present – the best attendance we've had since June 2021! You can't eat burgers and dogs virtually, so no Zoom option was available for this meeting. Attendees included:

Richard Hall (K7RLH), Dave Krum (NW3U) and his better half Penny, Bill Blomgren (KK4QDZ), Ken Castile (KN4GUS), Manny Garcia (KB4NC), Brian Knox (KK4BK), Rodney Warren (KO4ZFO) – welcome back Rodney, Al Crawford (WA4TCJ), Andy McDaniel (KN4JJU), Steve Susanne (WB4SMS), Donald Nicholson (KN4OEY), Paul Nicholson (KN4NGI), Mike Gaither (K4MWG), Steve Mowels (KA0GMY), new member Rodney Warren (KO4ZFO), Christy Fernandini (KJ4AEO), new member Ken Bolin (KG7CCT) and his wife Linda, the illusive Mike Ramsey (KD4OKR), John Ostrander (KM4EZK), new ham Aidan Curle (KQ4AAV) – congrats Aidan, and soon to be new ham Jeremy Dacosta – welcome Jeremy!

## **New Business**

There was not much in the way of formal new business this meeting because the focus was on the good food and fellowship. As a follow-up to our March meeting Main Presentation on Battery Backup Power and Go Boxes, Gator brought in his Go Box for display and discussed its construction to those inspecting it. Richard gave an update on the health of Velda Callam (K4VJC), Mark Perkins (NC4MP), Gary Plante (KO4LQX), and Kinney Southern (KJ4CVK). Big Ugly and Donald emphasized the importance of reaching out to these fine hams, as well as our older hams to check on how they are doing and ask if they need anything.

The club has no formal plan for Field Day in part due to the Legion celebrating their 100<sup>th</sup> anniversary that weekend which will take up the space we normally use to set up our stations. We're exploring other options on the grounds including the Boy Scout camp area. Stay tuned in June for more details.

Big Ugly reported that the officer nominating committee has had some success recruiting for fiscal year 2023 officers but are still looking for volunteers for a few key positions. Christy has once again agreed to be club Treasurer; Steve Susanne has agreed to be Membership Chair; and Al, Mike, Bernie, and Brian have agreed to serve as Members-At-Large. Positions still seeking nominations include President, Vice President, and Secretary. Please reach out to Steve Mowels if you are interested in serving the club in one of these positions. If needed Richard said he would consider staying on as President.

Richard concluded the meeting at approximately 7:15 pm – that's a guess because I forgot to record when we finished.

73,

Andy McDaniel – KN4JJU – Secretary

## **TREASURER'S REPORT**

Christy Fernandini presented a report with current balance of \$2,229.20. Dues and donations were the revenue and expenses covered the purchase of headset and web cam and bank service fee. We continue to get membership renewals which provide the revenue stream—thank you all!

# MEMBERSHIP

You can bring a check or cash for dues to the next meeting or mail them to the club PO box and Christy will let me know she has received them so I can update the list. If you mail them, give me a heads up so I can mark it as pending on the roster.

Makes checks payable to South Wake ARC.

Send it to South Wake ARC – PO Box 1565 – Fuquay Varina, NC 27526

Gary Plante,

KO4LQX

# NET REPORT

SWARC Group – April 2022

We have three individuals who can be referred to as net check in champs for April; they are Bill, KK4QDZ, Ken, KG7CCT, and Richard, K7RLH. **Overall, there was a modest decline in net check-ins.** Note that we are not recording two or less check-ins. Also, **not** all net controls record their counts so numbers could be higher than noted.

I look forward to hearing you on the net!

| net date  | Callsign count | Expr1000 | Net Checkins |
|-----------|----------------|----------|--------------|
| 4/1/2022  | 16             | KK4QDZ   | 20           |
| 4/2/2022  | 13             | K7RLH    | 19           |
| 4/3/2022  | 13             | KG7CCT   | 15           |
| 4/4/2022  | 10             | KO4TST   | 13           |
| 4/5/2022  | 10             | KN4OEY   | 11           |
| 4/6/2022  | 12             | KM4IJK   | 11           |
| 4/8/2022  | 21             | KM4IJK   | 15           |
| 4/9/2022  | 12             | KO4FUD   | 11           |
| 4/10/2022 | 11             | KG4JOK   | 10           |
| 4/11/2022 | 14             | N4BNC    | 9            |
| 4/13/2022 | 17             | WB4UFO   | 8            |
| 4/16/2022 | 9              | KK4BK    | 8            |

|           |    |        |   |
|-----------|----|--------|---|
| 4/17/2022 | 9  | WA3JJG | 7 |
| 3/17/2022 | 9  | KO4DHJ | 7 |
| 4/18/2022 | 11 | K4KIB  | 6 |
| 4/19/2022 | 13 | KT4JR  | 5 |
| 4/20/2022 | 13 | KO4BFA | 5 |
| 4/23/2022 | 11 | KI4RAN | 5 |
| 4/24/2022 | 8  | KE4QBW | 5 |
| 4/25/2022 | 11 | K4ADH  | 5 |
| 4/26/2022 | 13 | NC4MP  | 5 |
| 4/29/2022 | 21 | N4BAJ  | 4 |
| 4/30/2022 | 1  | KM4JLA | 4 |
|           |    | KJ4CVK | 4 |
|           |    | W1JCA  | 3 |
|           |    | KI4YII | 3 |
| KA0GMY    | 3  | KB4NC  | 3 |
| KO4ZFO    | 3  | K7PDZ  | 3 |
| KD7AAG    | 3  | AC1Y   | 3 |
| KW4GBV    | 3  | KE4RUN | 3 |

- For the time being, until further notice, Kenny, KJ4CVK, has backed away from calling nets
- Saturday and Sunday evenings will be called by KT4JR & K7RLH
- KB4NC will call Monday evenings
- KA0GMY will call Tuesday evenings (backup is K7RLH)
- KK4BK will call Wednesday evenings except on meeting nights
- KO4ZFO to pick up Thursday evenings
  
- Fridays will continue to be called by NC4MP as soon as he is able
- And we need backups – JUST BECAUSE.

Please contact Richard Hall, K7RLH, if you are interested in calling one or more nets.



# Public Service

*Check the HPSNC.org web site often for Public Service opportunities. The public service season is upon us and events need volunteers.*

## **BOARD OF DIRECTORS**

### **President**

Richard Hall--K7RLH

### **Vice President**

Manny Garcia--KB4NC

### **Secretary**

Andy McDaniel – KN4JJU

### **Treasurer**

Christy Fernandini - KJ4AEO

### **Member-At-Large**

Al Crawford – WA4TCJ

### **Member-At-Large**

Bernie Jones – N4BAJ

### **Member-At-Large**

Mike Gaither –

K4MWG

### **Member-At-Large**

Brian Knox--KK4BK

### **Membership Chair** Gary

Plante--KO4LQX

## **Appointed Positions**

### **NET MANAGER**

Kenny Souther-KJ4CVK

### **Special Events Director**

Gino Fernandini –KI4YXO

### **Public Service Director**

David Krum – NW3U

# SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of its members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

**LINKS** (if you have other links you want added then send them to me)

***PRN***

***A Wide Area Digital Amateur Radio Network***

[www.ncprn.net](http://www.ncprn.net)

***GigaParts***

[www.gigaparts.com](http://www.gigaparts.com)

***QRZ***

[www.qrz.com](http://www.qrz.com)

***Ham Radio Outlet HRO***

[www.hamradio.com](http://www.hamradio.com)

***Raleigh Amateur Radio Society RARS***

[www.rars.org](http://www.rars.org)

***Johnson Amateur Radio Society JARS***

[www.jars..net](http://www.jars..net)

***South Wake Amateur Radio Club SWARC***

[www.southwakearc.com](http://www.southwakearc.com)

***Carolina 440 Network***

[www.carolina440.net](http://www.carolina440.net)

***\_North Carolina Packet***

[www.ncpacket.com](http://www.ncpacket.com)

***\_TARPN (Terrestrial Amateur Packet Radio Net)***

[www.tarpn.net](http://www.tarpn.net)

## **ARRL News**

### **Annual Armed Forces Day Cross-Band Exercise Set for May 14**

The US Department of Defense will host this year's Armed Forces Day (AFD) Cross-Band Test on Saturday, May 14. While Armed Forces Day is May 21, the AFD cross-band military-amateur radio event traditionally takes place 1 week earlier to avoid any conflict with the Dayton Hamvention®. The event is open to all radio amateurs.

The AFD Cross-Band Test is two-way communications exercise between military and amateur radio stations, as authorized under FCC Part 97 rules (47 CFR § 97.111), and Department of Defense Instruction 4650.02 which establishes the Military Auxiliary Radio System (MARS). During the exercise, radio amateurs listen for stations on military operating frequencies and transmit on frequencies in adjacent amateur bands.

[ARRL The National Association for Amateur Radio](#)® has promoted the participation of military and amateur radio stations in the AFD event for more than 50 years. In the August 1950 issue of ARRL's membership journal, [QST](#), it was noted that "232 persons made perfect copy of the 'Greeting to Amateurs' broadcast at 25 w.p.m. over 13 military frequencies and have received a Certificate of Merit signed by the Secretary of Defense, the Honorable Louis Johnson."

There are 24 military stations registered across the United States, including Alaska and Hawaii, that will be participating in the 2022 event. Several of those stations will be using the 60-meter interoperative channels during this exercise. All operations will be on a not-to-interfere basis, in case there are real-world missions being supported during the event timeframe.

An AFD Secretary of Defense message will also be sent in CW and RTTY, and an AFD message will also be transmitted utilizing the Military Standard (MIL-STD) serial PSK waveform (M110), followed by MIL-STD Wide Shift FSK (850 Hz RTTY), as described in MIL-STD 188-110A/B.

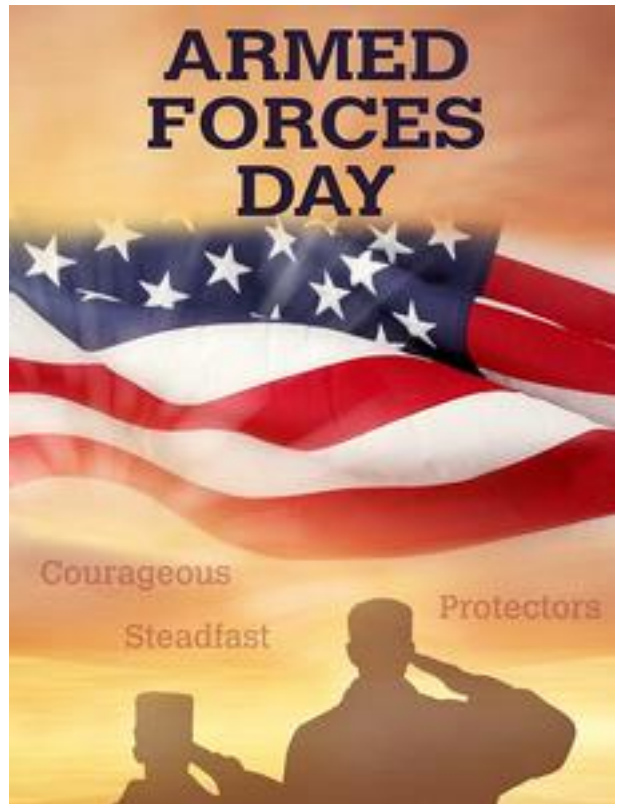
A detailed list of modes and frequencies for military/government stations taking part in the Armed Forces Day Cross-Band Test and information on the AFD message is available at [www.dodmars.org](http://www.dodmars.org). In the upper right corner is a dropdown with all the information.

Complete the request form to obtain a QSL card at [www.usarmymars.org/armed-forces-day-qsl-card-request](http://www.usarmymars.org/armed-forces-day-qsl-card-request).

## Get To 2022 Dayton Hamvention® -- May 20-22

The 2022 [Dayton Hamvention](#)®, among the world's largest annual amateur radio gatherings, is ready to celebrate its 70<sup>th</sup> Anniversary event, May 20 - 22, at the Greene County Fairgrounds and Expo Center in Xenia, Ohio. Organizers report that brisk advance sales of tickets and reservations for inside exhibit booths and flea market spaces are an indication that Hamvention 2022 is headed for success.

At the final planning meeting held on May 10, committee members learned that 94 percent of the inside exhibits were already sold, and more than 450



The 2022 running of the Armed Forces Day Cross-Band Test will be May 14.



vendors had already claimed over 85 percent of the flea market spots.

Adding to the interest this year is the largest prize ever offered in the history of Hamvention, an amateur radio dream station package worth almost \$20,000. General Chairman Rick Allnutt, WS8G, thanked DX Engineering and Icom America for the prize, which made them Platinum Prize Sponsors for Hamvention 2022. The prize package includes an Icom IC-7851 HF/50MHz Transceiver and an extensive list of station accessories. Allnutt also acknowledged all the other donors who contributed the many hourly prizes given out during Hamvention.

Other points made during the planning meeting included urging the use of the free ARRL Events app for smartphones and tablets to help attendees navigate the large schedule of forums and meeting locations, the sprawling fairgrounds, multiple buildings that house hundreds of exhibits, and related activities. While a printed program will be available, the app provides an easier way to access information. Visit your app store to download the app (search "ARRL Events"), or via the following link: [www.tripbuildermedia.com/apps/arrl](http://www.tripbuildermedia.com/apps/arrl). A [web version](#) is also available. The ARRL app is offered in partnership with Hamvention.

The use of the Hamvention web pages was promoted to help locate parking areas, gates, and other relevant materials. It was also recommended that committee members and those attending also have an In Case of Emergency Card on their person, preferably on a lanyard around their neck.

Hamvention will continue the policy of having free admission on Sunday. However, tickets are still required for entrance on Sunday, and can be obtained at no cost at the ticket booth. Those tickets are for admission only and do not include a prize drawing stub.

Allnutt thanked all committee members and asked them to pass on his thanks to all their volunteers. Dayton Hamvention includes hundreds of volunteers and is sponsored by the Dayton Amateur Radio Association.

For its part, [ARRL The National Association for Amateur Radio](#)® will host over a dozen booths in its large exhibit area, located in building 2 (see PDF-format [map](#)). The booths will be supported by an 80-person team comprised of ARRL Board members, Section Managers, Field Organization volunteers, program representatives, and ARRL Headquarters staff. Included are exhibits supporting radio clubs, the ARRL Great Lakes Division (including the ARRL Sections of Kentucky, Michigan, and Ohio), the Amateur Radio Emergency Service® (ARES®), ARRL Development and ARRL Foundation, ARRL Learning Center, ARRL Teachers Institute, ARRL Collegiate Amateur Radio Program, ARRL Volunteer Examiner Coordinator, ARRL Volunteer Monitor Program, ARRL Radiosport and DXCC, and the ARRL Laboratory. The ARRL exhibit area is also host to a booth for the International Amateur Radio Union ([IARU](#)). Visit [www.arrl.org/expo](http://www.arrl.org/expo) for a complete summary of ARRL's participation at 2022 Hamvention.



ARRL will distribute a free commemorative 2022 button to Hamvention goers.

**National Hurricane Center Annual Communications Test to be Held on May 28**

WX4NHC, the amateur radio station at the National Hurricane Center (NHC) in Miami, Florida, will hold its annual communications test on Saturday, May 28, 2022, from 9 AM to 5 PM EDT (1300 - 2100 UTC).

The event is designed to evaluate WX4NHC's amateur radio equipment and antennas at the headquarters in Florida, and to give operators an opportunity to evaluate their home equipment prior to this year's Atlantic hurricane season, which starts on June 1 and runs through November 30. This event allows ham radio operators worldwide to hone their amateur radio communications skills for times of severe weather.

Brief contacts will be available on many frequencies and modes, as well as the exchange of signal reports and basic weather data with any station in any location.

WX4NHC will be on the air on HF, VHF, UHF, 2- and 30-meter APRS, and Winlink at [wx4nhc@winlink.org](mailto:wx4nhc@winlink.org) (subject must contain "//WL2K").

The Hurricane Watch Net 14.325 MHz frequency will be active for most of the test, as will 7.268 MHz, depending on propagation. Depending on man-made noise, the net may move to different frequencies, and participants can locate the net using one of the DX spotting networks, such as the DX Summit website at [www.dxsummit.fi](http://www.dxsummit.fi).

There will also be a [Voice over Internet Protocol \(VoIP\) Hurricane Net](#) from 4 - 5 PM EDT, or 2000 - 2100 UTC (*IRLP* Node 9219/*EchoLink*WX-TALK Conference Node 7203).

WX4NHC will make a few contacts on local VHF and UHF repeaters, as well as on Florida's Statewide Amateur Radio Network (SARnet).

QSL cards will be available via Julio Ripoll, WD4R.

For more information about WX4NHC, visit their website at [www.wx4nhc.org](http://www.wx4nhc.org).

## Just Ahead in Radiosport

- May 14 - 15 -- CQ-M International DX Contest (CW, phone)
- May 14 - 15 -- VOLTA WW RTTY Contest (digital)
- May 14 - 15 -- Canadian Prairies QSO Party (CW, phone)
- May 14 - 15 -- 50 MHz Spring Sprint
- May 15 - 16 -- Run for the Bacon QRP Contest (CW)
- May 18 -- VHF-UHF FT8 Activity Contest
- May 18 -- RSGB 80-Meter Club Championship, Data
- May 19 - 20 -- Walk for the Bacon QRP Contest (CW)
- May 19 -- NAQCC CW Sprint (CW)
- May 19 -- NTC QSO Party (CW)

Visit the [ARRL Contest Calendar](#) for more events and information.



## Upcoming Section, State, and Division Conventions

- May 20 - 22 | [Dayton Hamvention®](#) and featuring *ARRL EXPO*, Xenia, Ohio
- June 3 - 5 | [SEA-PAC](#), hosting the ARRL Northwestern Division Convention, Seaside, Oregon
- June 4 | [Atlanta Hamfest](#), hosting the ARRL Georgia State Convention, Marietta, Georgia
- June 18 | [Knoxville Hamfest and Electronics Convention](#), hosting the ARRL Tennessee State Convention, Knoxville, Tennessee
- June 24 - 26 | [HAM RADIO](#), the International Amateur Radio Exhibition, Friedrichshafen, Germany
- July 2 | [Firecracker Hamfest](#), hosting the ARRL Pennsylvania State Convention, Harrisburg, Pennsylvania
- July 22 - 23 | [Ham Holiday 2022](#), hosting the ARRL Oklahoma Section Convention, Oklahoma City, Oklahoma
- July 30 - 31 | [ARRL West Virginia State Convention](#), Sutton, West Virginia
- August 6 - 7 | [Cedar Valley ARC Techfest](#), hosting the ARRL Iowa State Convention, Central City, Iowa
- August 13 | [Tidewater Hamfest and Swap Meet](#), hosting the ARRL Virginia State Convention, Portsmouth, Virginia
- August 20 - 21 | [Huntsville Hamfest](#), hosting the ARRL Southeastern Division Convention, Huntsville, Alabama
- August 26 - 28 | [Northeast HamXposition](#), hosting the ARRL New England and Hudson Division Conventions, Marlborough, Massachusetts

Search the [ARRL Hamfest and Convention Database](#) to find events in your area.

### ARRL -- Your One-Stop Resource for Amateur Radio News and Information

- **[Join or Renew Today!](#)** Eligible US-based members can elect to receive [QST](#) or [On the Air](#) magazine in print when they join ARRL or when they renew their membership. All members can access digital editions of all four ARRL magazines: *QST*, *On the Air*, *QEX*, and *NCJ*.
- Listen to [ARRL Audio News](#), available every Friday.
- *The ARRL Letter* is available in an accessible format, posted weekly to the [Blind-hams Groups.io](#) email group. The group is dedicated to discussions about amateur radio as it concerns blind hams, plus related topics including ham radio use of adaptive technology.

### Subscribe to...

- [NCJ -- National Contest Journal](#). Published bimonthly, features articles by top contesters, letters, hints, statistics, scores, NA Sprint, and QSO parties.

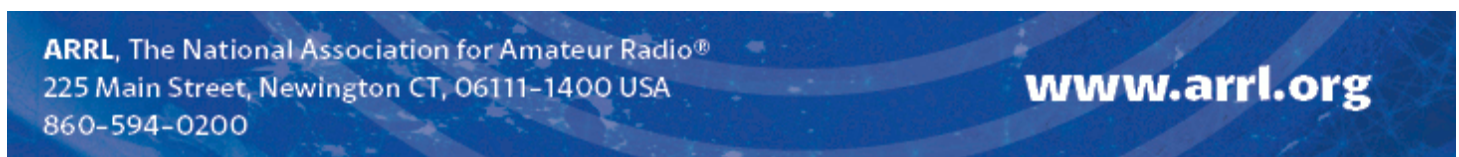
- [QEX -- A Forum for Communications Experimenters](#). Published bimonthly, features technical articles, construction projects, columns, and other items of interest to radio amateurs and communications professionals.

### Free of charge to ARRL members...

- [Subscribe](#) to the *ARES Letter* (monthly public service and emergency communications news), the *ARRL Contest Update* (biweekly contest newsletter), Division and Section news alerts and much more!
- Find ARRL on [Facebook](#)! Follow us on [Twitter](#) and [Instagram](#)!

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## HAMFEST INFORMATION

The following hamfests have been scheduled for 2022.

The Waynesville Hamfest is scheduled to be held at the Smoky Mountain Event Center (Haywood County Fairgrounds) which is located near Lake Junaluska. The date is July 23, 2022.